"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'AKHMEDOV, A.N.

Boron content of some soils in the cotton region of Azerbaijan. Izv AN Azerb. SSR. Ser. biol. i med. nauk no.8: 71-76'61. (MIRA 16:8)
(AZERBAIJAN—SOILS—BORON CONTENT)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

SHARIFOV, E.F.; GYUL'AKHMEDOV, A.N.; KHRZHANOVSKAYA, T.Ye.

Some characteristics of light-brown soils under pistachio and oak in the Sultanbud Woods. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.11:97-107 '61. (MIRA 15:3)
(AZERBAIJAN--FOREST SOILS)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GUSEYNOV, R.K., doktor sel'khoz. nauk, prof.; GYUL'KHAMEDOV, A.N., red.

[Agrochemical characteristics of soils and fertilization of rice fields in Burma] Agrokhimicheskaia kharakteristika pochv i udobrenie risovykh polei Birmy. Baku, Izd-vo AN Azerb.SSR, 1964. 175 p. (MIRA 17:4)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

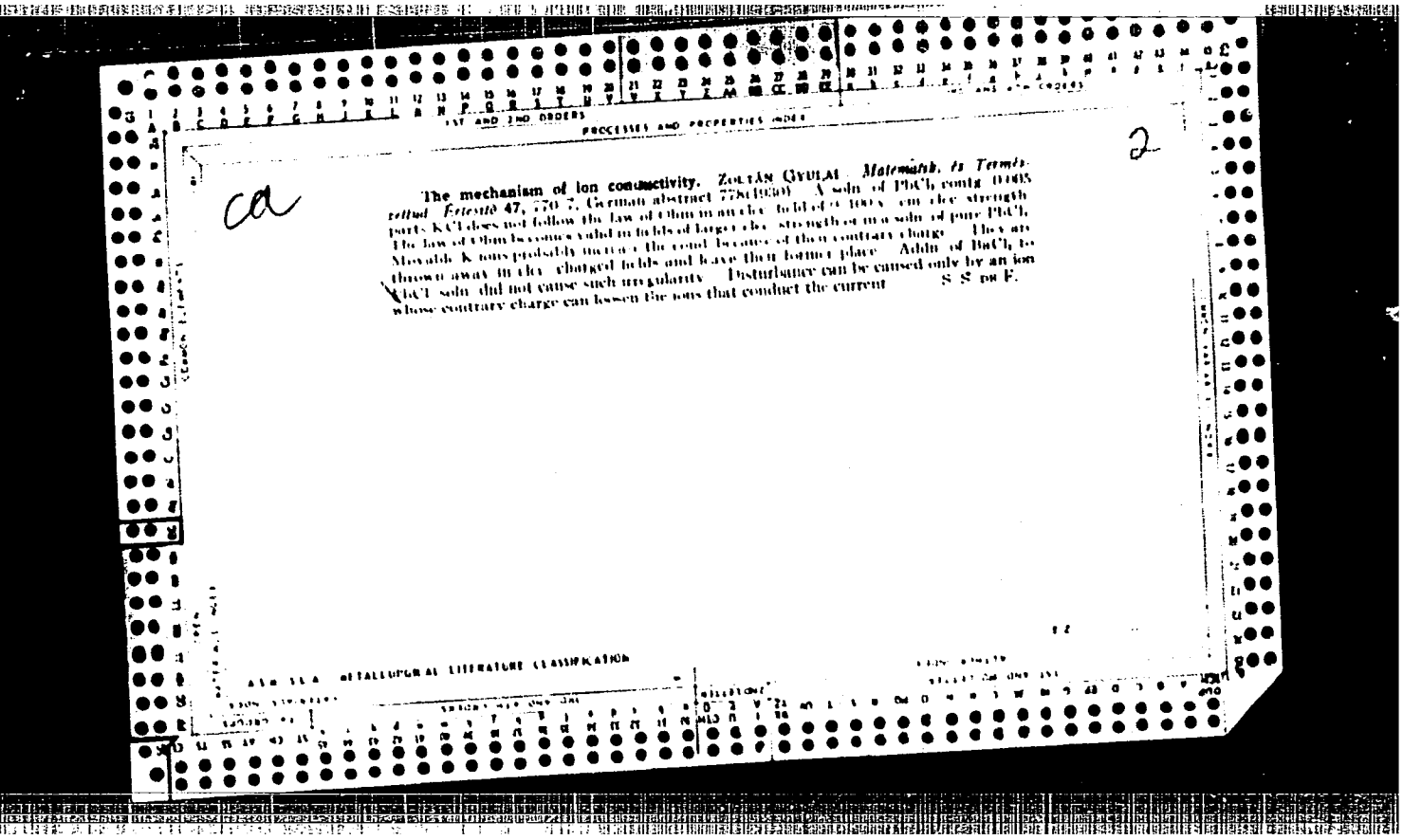
"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'AKHMEDOV, A.N.; KULIYEV, Sh.M.

Effect of iodine fertilizers on the development and yield of farm crops. Trudy Inst. pochv. i agrokhim. AN Azerb.SSR 22:165-178 '64. (MIRA 18:11)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3



1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

2

ca

The mechanism of ion conductivity. ZOLTÁN GYULAI. *Matematik. és Termés. értesítő Ertesitő* **47**, 770–7. German abstract 778a(1930). A soln. of PbCl₂ conts. 0.04% parts KCl does not follow the law of ohm in strong fields (c. 100 v. cm. elec. strength). The law of ohm becomes valid in fields of larger elec. strength or in a soln. of pure PbCl₂. Movable K ions probably increase the cond. because of their contrary charge. They are thrown away in the charged fields and leave their better place. Addn. of BaCl₂ to PbCl soln. did not cause such irregularity. Disturbance can be caused only by an ion whose contrary charge can loosen the ions that conduct the current. S. S. pa F.

ASM STA METALLURGICAL LITERATURE CLASSIFICATION

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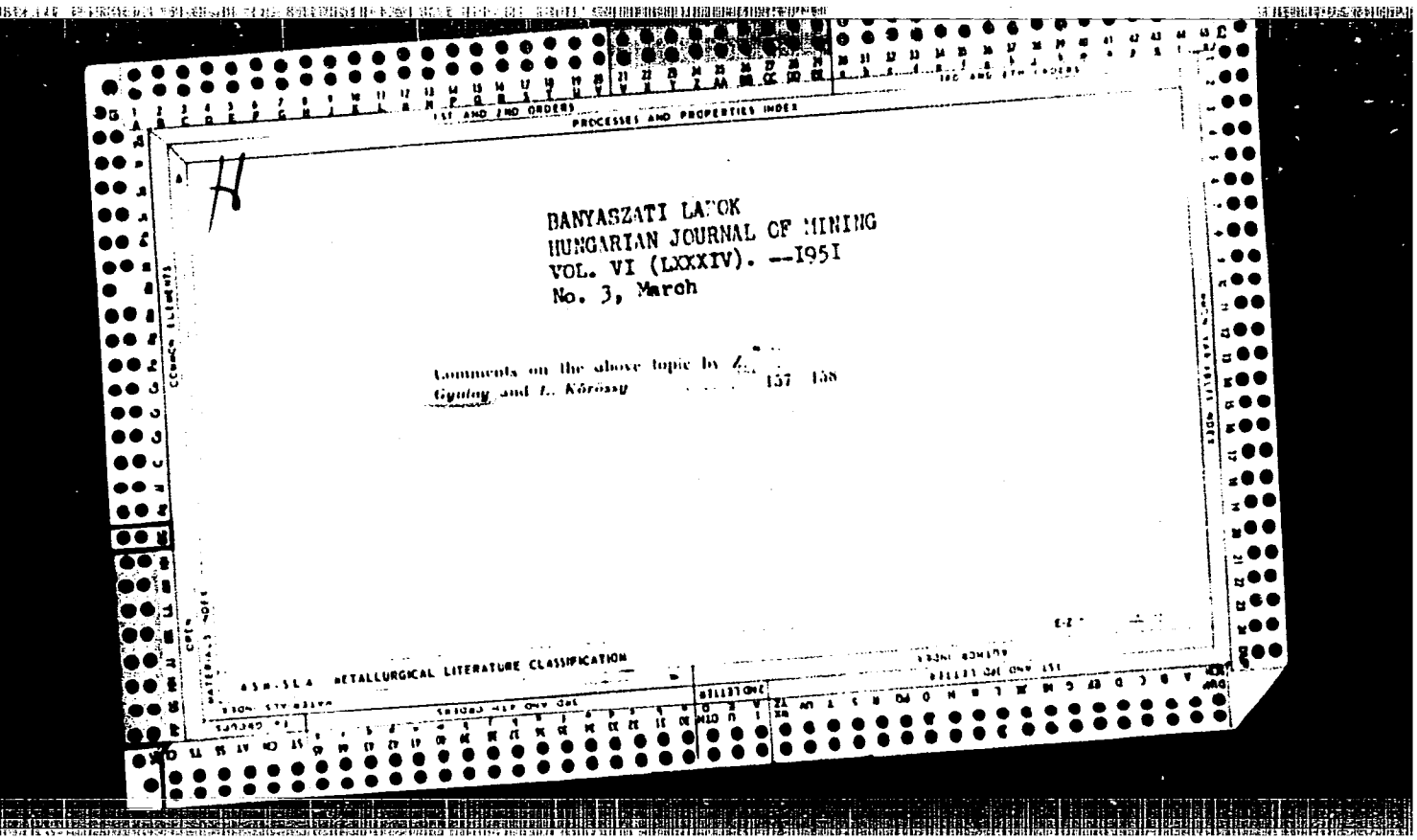
"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3



BANYASZATI LAPOK
HUNGARIAN JOURNAL OF MINING
VOL. VI (LXXXIV). --1951
No. 3, March

Comments on the above topic by [illegible]
Gyulay and L. Kőrössy 157 158

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAI, Z.

"P. Selenyi; An Obituary", P. 1, (ACTA PHYSICA, Vol. 4, No. 1, 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

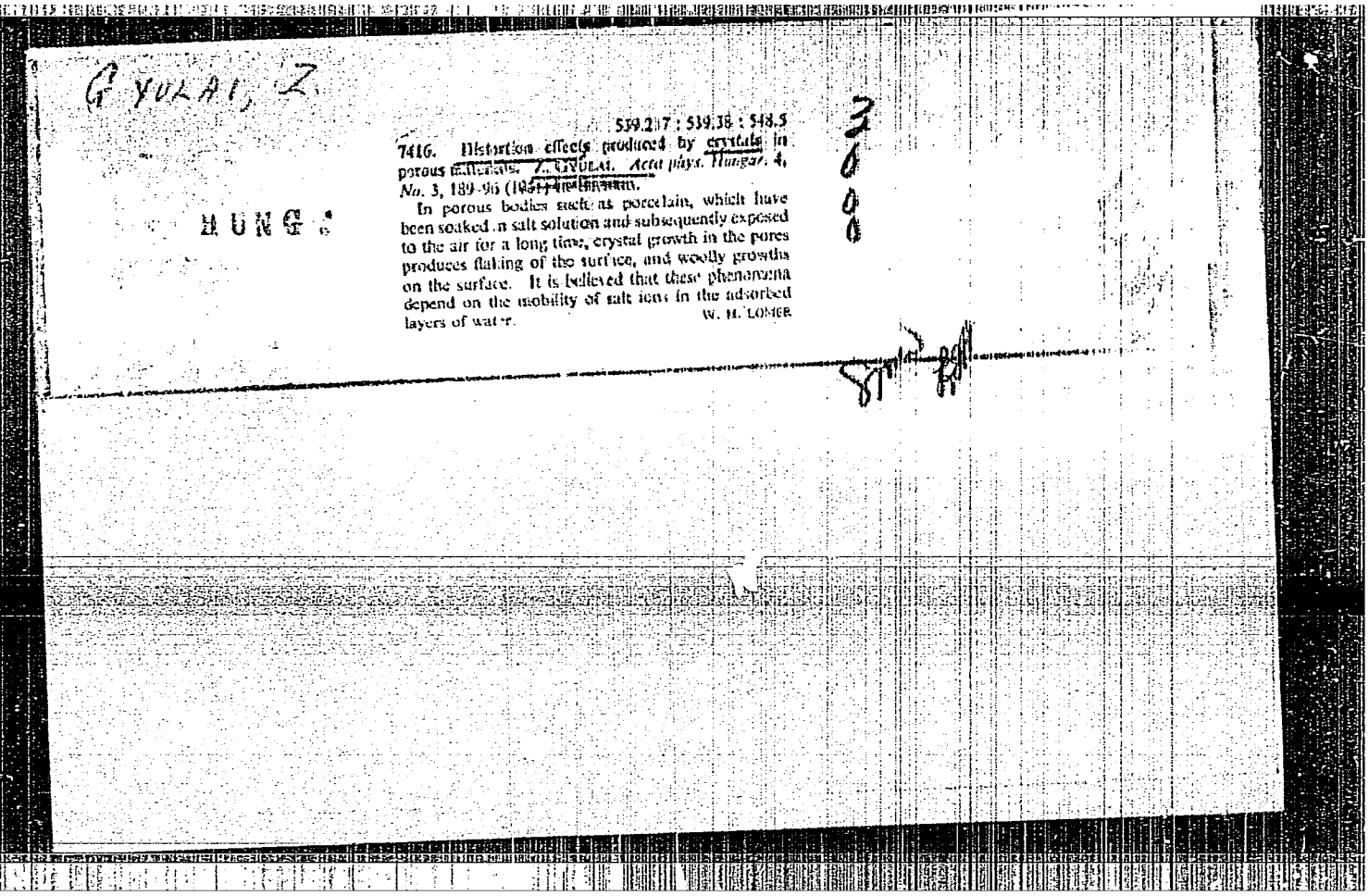
GYULAI, Z.

USSR

Tensile strength and plasticity properties of sodium chloride needle crystals. Z. Gyulai (Tech. Hochschule, Budapest). Z. Physik 138, 317–21(1954).—A method for the prepn. of NaCl needles was developed. It consists essentially in allowing them to grow on one surface of a porous plate satd. with the aq. soln. The experimentally detd. tensile strengths always check closely with the theoretical values. Plasticity is very high and slip planes are exhibited. James L. Lauer

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3



GYULAI, Z.

HUNG.

539.217 : 539.38 : 548.5

7416. Distortion effects produced by crystals in porous materials. Z. GYULAI. *Acta phys. Hungar.* 4, No. 3, 189-96 (1951) In English.

In porous bodies such as porcelain, which have been soaked in salt solution and subsequently exposed to the air for a long time, crystal growth in the pores produces flaking of the surface, and woolly growths on the surface. It is believed that these phenomena depend on the mobility of salt ions in the adsorbed layers of water.

W. H. LOMER

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

YUHAY, Z.

Situation of education in mining and metallurgy; also, remarks by S. Ujhelyi and other. p. 64.
KOHASZATI LAPOK, Budapest, Vol. 10, no. 2, Feb. 1955.

SO: Monthly List of East European Accessions, (EEAL), L , Vol. 4, no. 10, Oct. 1955, Uncl.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAY, Z.

220th anniversary of the beginning of mining engineering training in Hungary.
p. 657.
Vol 10, no. 12, Dec. 1955. BANYASZATI LAPOK. Budapest, Hungary.

So: Eastern European Accession. Vol 5, no. 4, April 1956

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

Gyulai, Z.

9021. NEW CONTRIBUTIONS TO THE PHYSICS OF CRYS-
TALS. Z.Gyulai.
Acta Phys. Hungar., Vol. 5, No. 4, 425-43 (1956). In German.

548.5 : 535.37

The following studies are presented as new contributions to the physics of crystal growth :- (1) the growth of crystals from fixer salt solution ($Na_2S_2O_3$), recorded by moving film technique, showing an adherence to the Kossel rule; (2) observations on needle-form crystals plastically deformed which show recrystallization at various controlled temperatures; (3) study of the plastic bending of NaCl needles, the solubility increasing in the plastically deformed region. Phosphors of thallium activated alkali halides are also described which are produced by pressure fusion of the constituents into pastille form. Formation at elevated temperatures given rise to F-centre formation.

G.F.J.Garlick

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAI, Z.

Observation of crystal nuclei in watery sodium-bromide and sodium-chloride solutions. In German. Acta phys.Hung. 10 no.4:371-388 '59.
(EEAI 9:4)

1. Institut fur Experimentalphysik der Technischen Universitat fur Bauindustrie und Verkehrswesen, Budapest.
(Sodium) (Salt) (Solutions) (Crystals)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAI, Zoltan

Ferenc Tarjan; obituary. Fiz szemle 7 no.1:31 F '57.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAI, Zoltan

Gabor Szabo; obituary. Fiz szemle 7 no.1:20 F '57.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAI, Zoltan

The structure of real crystals. Fiz szemle 10 no.9:281-282 S '60.

1. Epitoipari es Kozlekedesi Muszaki Egyetem Kiserleti Fizikai Tanszeke.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAI, Zoltan

Structure of real crystals. Fiz szemle 10 no.9:281-282 S '61.

1. Epitoripari es Kozlekedesi Muszaki Egyetem, Kiserleti Fizikai Tanszek, Budapest

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

KORANYI, Gyorgy, dr.; GYULAY, Zoltan, egyetemi tanar; DIOSZEGHY, Daniel, egyetemi tanar; WAHLNER, Aladar, fomernok; VAMOS, Endre, kandidatus; NYUL, Gyula, kandidatus; FREUND, Mihaly, dr., akademikus; SZADECZKY KARDOSS, Elemer, akademikus; TAKACS, Pal, dr., kandidatus; SCHLATTNER, Jeno, kandidatus; HARDY, Gyula, a kemiai tudomanyok kandidatusa

Report on the 1959-60 work of the Committee on Petroleum and Coal Processing, Hungarian Academy of Sciences. Kem tud kozl MTA 16 no.3: 349-359 '61.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAI, Zoltan

Crystal growth and boundary layer. Fiz szemle 13 no.5:131-135 My '63.

1. Budapesti Epitoipari es Kozlekedesi Muszaki Egyetem, Kiserleti Fizikai Intezet; Akademiai Kutatocsoport.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAI, Zoltan

Diamagnetic interpretation of flames. Fiz szemle 13 no.5: 145-146 My '63.

1. Epitoipari es Kozlekedesi Muszaki Egyetem.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAY, Zoltan, dr.

Reform curriculums of the mining departments at the Technical University of the Heavy Industry. Bany lap 96 no.2:115-122 F '63.

1. Nehezipari Muszaki Egyetem Banyamernoki Kar dekanja.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAY, Zoltan, dr.

Beginnings of the training of mining engineers and metallurgists in Hungary. Koh lap 97 no.1:1-7 Ja'64

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAI, Zoltan

The 6th Itinerant Meeting of Hungarian Physicists, Szeged, 1959.
Fiz szemle 9 no.10:295-299 O '59.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'MAMEDOV, I.I.

Stability of electric drives fed by autonomous generating units.
Izv. AN Azerb. SSR. Ser. fiz.-tekh. i mat. nauk no.6:75-79 '64.
(MIRA 18:6)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'AKHMEDOV, KH. O.

GYUL'AKHMEDOV, KH. O. -- "Effects of Fertilizers on the Yield of Agricultural Crops under Crop Rotation Conditions of the Lower Zone of Azerbaijan." * (Dissertations For Degrees In Science and Engineering Defended At USSR Higher Educational Institutions)(30) Min Higher Education USSR, Azerbaijan Agricultural Inst, Kirovabad, 1955

SO: KNIZHNAYA LETOPIS' No 30, 23 July 1955

* For the Degree of Candidate in Agricultural Sciences.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

USSR/Cultivated Plants. Commercial. Oil Bearing. Sugars. M

Abs Jour: Ref Zhur-Biol., No 5, 1958, 20377.

Author : Kh. O. Gyul'akhmedov
Inst : Azerbaydzhan Scientific Research Institute forCotton Raising.
Title : Fertilizing Cotton Sown on a Bed of Lucerne. (Udobreniye khlopchatnika, vysevayemogo po plasty lyutserny).

Orig Pub: Sots. s.kh. Azerbaydzhana, 1956, No 4, 12-14.

Abstract: The Azerbaydzhan Scientific Research Institute for Cotton Raising studied in 1952-1955 the dosages and ratios of mineral fertilizers on cotton on a bed of grasses. The trials were made on light chestnut medium and heavy loamy soil of the Central Testing Station and on the heavily crusted sierozems of the Shirvanskaya and Muganskaya Testing Stations. When an organic and mineral mixture was applied in quantities of 75 kilo-

Card : 1/2

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

USSR / Cultivated Plants. Cereal Crops. M-3

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58564

Author : Gyul'akhmedov, Kh. O.
Inst : Azerb. Scientific Research Institute of Cotton Cultivation
Title : The After-Effects of Fertilizers on the Yield of Corn

Orig Pub : Byul. nauchno-tekhn. inform. Azerb. n.-i. in-ta khlopkovodstva, 1957, No 2, 87-88

Abstract : No abstract given

Card 1/1

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'AKHMEDOV, V.N.

137-58-5-8749

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 4 (USSR)

AUTHORS: Maranovik, A. V., Gyul'akhmedov, V. N.

TITLE: Improving the Quality of Cobalt Concentrate (Povysheniye kachestva kobal'tovogo kontsentrata)

PERIODICAL: Byul. Tsentr. in-t inform. M-va tsvetn. metallurgii SSSR, 1957, Nr 1, p 10

ABSTRACT: In order to improve the quality of concentrate it is suggested that five consecutive purification stages be included in the existing operational procedure. As a result of the introduction of these measures, the specific weight of high-grade production increased to 37.7 percent, while that of low-grade output decreased to 12.8 percent.

A. Sh.

1. Cobalt ores--Processing 2. Cobalt ores--Purification

Card 1/1

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

KARAPETYAN, V.K.; GYULAMYAN, A. Ye.

Biological effect of ionizing radiation on the variability of spring wheat during its conversion into winter wheat. Izv. AN Arm. SSR. Biol. nauki 15 no.12:33-43 D'62 (MIRA 17:8)

1. Institut genetiki AN SSSR i Leninakanskaya gosudarstvennaya selektsionnaya stantsiya.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULARI, F.

TECHNOLOGY

KEP ES HANGTECHNIKA.

GYULAI, F. Theory and technique of photography in back lighting. p. 176.

Vol. 4, no. 6, Dec. 1958.

Monthly List of East European Accession (EEAI) LC. Vol. 8, No. 3
March 1959, Unclass.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAVARI, Oliver, dr.

Measurement of the retardation of dental and bone growth in premature infants at the age of 6-7 years. Fogorv. szemle 58 no.7:193-202 Jl'65.

1. A Debreceni Orvostudomanyi Egyetem Stomatologiai Klinikajanak (igazgato: Adler, Peter, dr., egyetemi tanar) kozlemenye.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAY, Alajos, okleveles gepeszmernok

Oil burning. Energia es atom 14 no.3:110-119 Mr '61.

1. VEGYTERV

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

DIOSZEGHY, Daniel, dr., prof.; RAPP, Tamas; SZAVA, Nandor; BENEDEK, Laszlo; HORVATH, Mihaly; GREGUSS, Pal, dr. (Jr); UNGUREANU, Cornel (Temesvar, Roman Nep[illegible]ztarsasag); CSORBA, Tamas; SZABOLCS, Gabor; KABLITZ, Richard (Lauda-Baden, Nemet Szovetsegi Koztarsasag); GYULAY, Alajos; LUZSA, Istvan; KOSZTOLANYI, Lajos

Technical and economic questions relating to oil utilization. Ipari energia 3 no. 1/2:4-8 Ja-F '62.

1. Hotechnikai Kutato Intezet (for Csorba and Szabolcs). 2. VEGYTERV (for Gyulay). 3. ERTERV (for Luzsa). 4. Orszagos Koolaj-es Gazipari Troszt (for Kosztolanyi).

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAY, Ferenc, dr.

Data on the history of "Statisztikai Szemle." Stat Szemle 41 no.8/9:872-879 Ag-S '63.

1. Group Head, Central Statistical Office, Budapest.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAY, Ferenc

"Let us compile the ststistical history of our country" by Mircea Biji. Reviewed by Ferenc Gyulay. Stat szemle 42 no. 10:1053-1054 O '64.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAY, Ferenc, dr., fomunkatars

Studies on our population problems. Stat szemle 43 no.3:308-313 Mr '65.

1. Group Head, and Editorial Board Member, "Statisztikai Szemle", Budapest.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

Gyulay, J.

Central-heating boiler and combustibles. p. 396

ENERGIA ES ATOMTECHNIKA. (Energiagazdalkodasi Tudomanyos Egyesulet)
Budapest, Hungary. Vol. 12, no. 7/8, July/August 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no.11
November 1959
Uncl.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAY, Z.

"Problems of semiconductors", edited by [Prof. Dr.] Fritz Sauter. Vol. 5. Reviewed by Z. Gyulay. Acta phys Hung 15 no.1:82-84 '62.

1. Mitglied, Redaktionskollegium, "Acta Physica Academiae Scientiarum Hungaricae."

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAY, Zoltan, okl. banyamernok, egyetemi tanar.

The training of Hungarian mining engineers is 225 years old. Bany lap 93 no. 11:748-753 N 60.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAY, Zoltan, okleveles banyamernok, egyetemi tanar

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAY, Zoltan,dr.,okleveles banyamernok, tanszekvezeto egyetemi tanar

Reform of training oil and gas engineers in Hungary. Bany lap 96 no.10:665-670 0'63.

1. Nehezipari Muszaki Egyetem, Miskolc.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULAY, Zoltan, dr., okleveles banyamernok, ogyetemi tanar, dekan

Beginnings of the training of mining and matallurgical engineers in Hungary. Bany lap 97 no.3:145-151 Mr '64.

1. Chair of Mining Engineering, Technical University of Heavy Industry, Miskolc.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'BADALOV, S. G.

Fisheries - Crimea

Experiment of the distinguished Crimean Master of Fishing S. G. Delegi. Ryb.khoz. 28 no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, April 1952. UNCLASSIFIED

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

1. GYUL'BADAMOV, S. B., DANILEVSKIY, N. N.

2. USSR (600)

4. Fishing

7. Prospects for using pneumatic engineering in catching fish. Ryb. khoz. 28, no. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January, 1953. Unclassified.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'BADAMOV, S.B., Cand Tech Sci—(diss) "Substantiation of basic parameters of deep-sea trawl line." Len, 1958. 13 pp (Min Higher Education USSR, Leningrad Technological Inst of Fish Industry and Economy im A.I. Mikoyan), 150 copies (KL,31-58,102)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'BADAMOV, S.B., inzh.

Biological principles and fishing practices determining the design of pelagic trawls. Trudy VNIRO 36:192-241 '58. (MIRA 12:4)
(Trawls and trawling)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

STRAKHOV, Vladimir Arsen'yevich; NUSENBAUM, Lev Mikhaylovich; GYUL'BADAMOV, S.B., spets. red.; KOROBOCHKINA, Z.S., red.; FORMALINA, Ye.A., tekhn. red.

[Electric fish screen of the ERZU-1 type] Elektricheskii zagraditel' dlia ryb tipa ERZU-1. Moskva, Gos.nauchno-issl. in-t ozernogo i rechnogo rybnogo khoz., 1959. 37 p. (MIRA 14:12)
(Fish culture)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'BADAMOV, S.B., inzh.

Optimum mesh size for the cod-end of the trawl. Trudy VNIRO 41:57-65 '59. (MIRA 13:8)

(Trawls and trawling)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'BADAMOV, S., inzh.

Modern tools of an ancient profession. Tekh.mol. 30 no.9:36 '62. (MIRA 15:9)
(Fishing—Implements and appliances)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

SHISHKOVA, Yekaterina Vasil'yevna; STASHKEVICH, A.P., kand. tekhn. nauk, dots., retsenzent; GYUL'BADAMOV, S.B., st. nauchn. sotr., retsenzent; KOSSOVA, O.N., red.; SOKOLOVA, I.A., tekhn. red.

[Physical foundations for echo sounding in fishing] Fizicheskie osnovy rybolokatsii. Moskva, Pishchepromizdat, 1963. 145 p. (MIRA 16:7)

(Sonar in fishing)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

5 (5)
AUTHOR: Zhostovskiy, N. P., Vasil'yev, A. S., SOV/62-59-5-29/40
Zidel'kovskaya, F. P., Morgunova, Ye. S., Zelinskaya, N. G., Oral'bodgaya, K. M.

TITLE: Investigation in the Field of Lactams and Lactames (Issledovaniya v oblasti laktonov i laktamov). Communication 15. Preparation of Polyvinylpyrrolidones Having Different Molecular Weights and Their Physico-Chemical Properties (Soobshcheniye 15. Preparaty polivinilpirrolidona s razlichnym molekulyarnym vesom i ikh fiziko-khimicheskiye svoystva)

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye khimicheskikh nauk, 1959, Nr 5, pp 896-900 (USSR)

ABSTRACT: "Block polymerization" of vinylpyrrolidone under the effect of H_2O_2 and of dinitrile of isosuccinic acid, and polymerization in aqueous solutions (Refs 3, 5) had been investigated at the Institute Lactones' and Lactames' Association. In connection with this the physico-chemical properties of various preparations of polyvinylpyrrolidone (PVP) were investigated in this work because these properties are very important for the investigation of the biologic activity of the preparations.

Card 1/3 The preparations can be obtained in various types; therefore, they may exhibit slight deviations from their physico-chemical characteristics. (Table 1: physico-chemical characteristics of (PVP) solutions as produced in various countries). The polymerization conditions for (PVP) from aqueous solutions in the presence of 30 % H_2O_2 and with 0.5-0.5 % concentrations of this initiator are summarized in table 2. The characteristics of salt water solutions of (PVP) being used as a plasmosubstitute are shown in table 3. Relative viscosity, osmotic pressure, and the molecular weight of the various preparations were determined. A comparison of the characteristics shows that those of (PVP) are more effective than those of the plasmosubstitute. 1.8 % H_2O_2 had to be used as initiator in order to obtain a highly effective polymer. The determination of the molecular weight and the investigation of the polydispersity of several preparations showed that the block polymers have a higher degree of polydispersity than those obtained in solutions. Moreover,

Card 2/3 a method for obtaining biologically active sterile salt water solutions of the preparations has been worked out. There are 2 figures, 7 tables, and 22 references, 12 of which are Soviet.

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo Akademii nauk SSSR (Institute of Organic Chemistry imeni N. D. Zelinskiy of the Academy of Sciences, USSR)

SUBMITTED: July 18, 1957

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'BASAROVA, A. A. and MAKSUDOV, A. M.

"Cases of Concurrent Infantile Leishmaniosis and Malaria," Vop. Ped. i Okhran Mater. i Det., 17, No.3, 1949

Child Clinic of Faculty Pediatrics, Chair of Faculty Pediatrics, Tashkent Med. Inst.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULBEKYAN, Kh. G.

"Variation in the frequency of mutations produced by X-raying of the spermatozoons in the male and in the seminal receptacle of the females." Dept. of Mechnics of Development (Chief: Dr. B. P. Tokin) K. A. Timiryazev Biological. (p. 35) by Gyulbekyan, Kh. G.

SO: Biological Journal (Biologicheskii Zhurnal) Vol. V, 1936, No. 1

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULBEKYAN, Kh. G.

"The dependence of the frequency of mutations in Drosophila Melanogaster on the developmental stage and the method of irradiation." Dept. of Mechanics of Development (Chief: Dr. B. P. Tokin), K. A. Timiryazev Biological Institute, Mowcow. (p. 47) by Gyulbekyan, Kh. G.

SO: Biological Journal (Biologicheskii Zhurnal) Vol. V, 1936, No. 1

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

USSR/General Division. General Problems. Philosophy. Metho- A-1
dology

Abs Jour : Ref Zhur-Biologiya, No 3, 1958, 9234

Author : Gyulbekyan
Inst : Armenian State Correspondence Pedagogical Institute
Title : Means of Increasing the Longevity of Animals and Plants

Orig Pub : Sb. zaochn. ped. in-t, 1955, No 1, vyp, 2, 39-69

Abstract : No abstract

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

MNDZHOYAN, A.L.; GYUL'BUDAGYAN, L.V.

Some α,β-dimethyl-γ-dialkylaminopropyl esters of para-alokoxy benzoic acids. Izv. AN Arm. SSR. Ser. FMNT nauk 9 no.10:37-43 '56. (MLRA 10:4)

1. Institut tonkoy organicheskoy khimii AN Armyanskoy SSR.
(Esters) (Benzoic acid)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'BUDAGYAN, L.V.

New derivatives of 2-methyl-4-oxyquinoline [in Armenian with summary in Russian]. Nauch.trudy Erev.un.no.53:57-64 '56. (MLRA 9:10)

1.Kafedra organicheskoy khimii.
(Quinoline)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'BUDAGYAN, L.V.; ABOVYAN, Kh.V.

6-Oxy- and 6-alkoxy- derivatives of 2-methyl-3-(γ -chlorocrotyl)-4-oxyquinoline. Report No.2 [in Armenian with summary in Russian]. Nauch. trudy Erev. un. 60:59-66 '57. (MIRA 11:8)

1.Kafedra organicheskoy khimii Yerevanskogo gosudarstvennogo universiteta.

(Quinoline)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'BUDAGYAN, L.V.; KALDRIKYAN, M.A.

2-Methyl-3 (γ -chlorokrotyl)-4-Oxy-6-aminoquinoline and some of its derivatives [in Armenian with summary in Russian]. Nauch. trudy Erev. un. 60:67-72 '57. (MIRA 11:8)

1.Kafedra organicheskoy khimii Yerevanskogo gosudarstvennogo universiteta.

(Quinoline)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'BUDAGYAN, L.V.; CHUKHADZHYAN, E.O.

New derivatives of 5-pyrazolone. Izv.AN Arm.SSR.Khim.nauki 15 no.1: 101-105 '62. (MIRA 15:7)

1. Yerevanskiy gosudarstvennyy universitet, kafedra organicheskoy khimii.

(Pyrazolinone)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'BUDAGYAN, L.V.; ARSHAKYAN, R.Sh.; ROSTOMYAN, I.M.; MANUKYAN, Zh.P.

New derivatives of 4-quinaldinol. Report No.7: 6-alkoxy derivatives of 3-(p-methoxybenzyl)- and 3(p-ethoxybenzyl)-4-quinaldinol. Report No.7: 6-Alkoxy derivatives of 3-(p-methoxybenzyl)- and 3-(p-ethoxybenzyl)-4-quinaldinols. Izv.AN Arm.SSR.Khim.nauki 15 no.5:489-492 '62. (MIRA 16:2)

1. Yerevanskiy gosudarstvennyy universitet, kafedra organicheskoy khimii.

(Quinolinol)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'BUDAGYAN, L.V.; KARAPETYAN, R.V.

New derivatives of 4-quinaldinol. Report No.8: 6- and 8-halo derivatives of 3-(p-alkoxybenzyl)-4-quinaldinol. Izv. AN Arm.SSR. Khim. nauki 16 no.1:73-76 '63 (MIRA 17:8)

1. Yerevanskiy gosudarstvennyy universitet, kafedra organicheskoy khimii.

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'BUDAGYAN, L.V.; GRIGORYAN, V.A.; POGOSYAN, A.A.

New derivatives of 2,4-quinolinediol. Part 1: Synthesis of some 3-(γ-chlorocrotyl)-2,4-quinolinediols. Izv.AN Arm. SSR.Khim.nauki 17 no. 2:223-226 '64. (MIRA 17:6)

1. Yerevanskiy gosudarstvennyy universitet, kafedra organicheskoy khimii.

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'BUDAGYAN, L.V.; GRIGORYAN, V.A.; DANGYAN, G.V.; ARUTYUNYAN, R.P.

New derivatives of benzoquinolines. Part 2: γ-Chloroallyl and γ-chlorocrotyl derivatives of benzo [f] and benzo [h] quinolines. Izv. AN Arm.SSR.Khim.nauki 17 no. 2:227-229 '64. (MIRA 17:6)

1. Yerevanskiy gosudarstvennyy universitet, kafedra organicheskoy khimii.

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GERDZHILOV, T., inzh.; GYULEVA, TS., inzh.

The UVG-2 sleeve for sidelong water supply in drilling holes. Bezop.truda v prom. 4 no.3:35-36 '60.
(MIRA 13:6)

1. Gosudarstvennoye gornoye predpriyatiye "Gorubso," Bolgarskaya Narodnaya Respublika..
(Bulgaria--Boring machinery)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

ACC NR: AT7003264 SOURCE CODE: UR/2563/66/000/263/0048/0050

AUTHOR: Bogoyavlenskiy, K. N. (Doctor of technical sciences; Professor); Samarin, Yu. F.; Borisov, V. G.; Khoroshaylov, V. G.; Gyulikhandanov, Ye. L.

ORG: none

TITLE: Roll bending of structural shapes from solution-annealed heat-treatable aluminum alloys

SOURCE: Leningrad. Politekhnicheskiy institut. Trudy, no. 263, 1966. Mashiny i tekhnologiya obrabotki metallov davleniyem (Machinery and technology of metalworking by pressure), 48-50

TOPIC TAGS: aluminum alloy, annealing, fabricated structural metal, alloy, heat treatment, ~~solution annealed aluminum alloy~~, ~~alloy~~, ~~rolling~~, bending, ~~aluminum alloy~~ roll bending/D16-Am aluminum alloy

ABSTRACT:

A study has been made to determine the maximum allowable time interval between solution annealing and roll bending of aluminum-alloy structural shapes. D16-AM aluminum alloy specimens (2—3 mm thick, 71—73 mm wide and 500 mm long), solution annealed at 495C and quenched in water, were roll bent within 20 to 120 minutes from the time of quenching. For comparison, some specimens were bent 200 hr after quenching (solution annealed and artificially aged), and some were bent after solution annealing and slow cooling. It was found that cracks

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ACC NR: AT7003264

appeared in 2 mm thick specimens rolled 55—60 min and in 3 mm thick specimens rolled 45—50 min from the time of quenching. There were no cracks in solution-annealed and slowly cooled specimens. Solution-annealed and artificially aged specimens fractured completely along the bend line. It is concluded that solution-annealed and water-quenched D16-AM aluminum alloy strips can be roll bent with the same bending parameters (r_0/t = 0.6–2.0) as annealed strips, but the bending should be completed within 45—55 min after quenching. Orig. art. has: 2 figures and 1 table.

[TD]

SUB CODE: 13, 11/ SUBM DATE: none/ ORIG REF: 002/ ATD PRESS: 5115

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

SIMONYAN, A.T., prof.; AYVAZYAN, A.A., kand.med.nauk; GYULIKEKHVYAN, N.G.; TOPCHYAN, A.A.

Data on the etiology, pathogenesis, and treatment of nephrosis. Sov.med. 25 no.2:24-36 F '61. (MIRA 14:3)

1. Iz kafedry gospital'noy terapii (zav. - prof. A.T. Simonyan) Yerevanskogo meditsinskogo instituta (direktor - dotsent S.N. Galstyan).

(KIDNEYS--DISEASES)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

SIMONYAN, A. T., zasluzhennyy deyatel' nauki, prof.; NANAGYULYAN, O. A., kand. med. nauk; GYULIKEKHVYAN, N. G.; SINANYAN, R. T.; GRIGORYAN, Ye. A.

Therapeutic effectiveness of a preparation of vanilon. Vrach. delo no.7344-46 Jl '62. (MIRA 15:7)

1. Klinika gospital'noy terapii (zav. - zasluzhennyy deyatel' nauki, prof. A. T. Simonyan) Yerevanskogo meditsinskogo instituta.

(CYCLOHEXANONE)

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

BABAYAN, A.: AKOPYAN, B.: GYULI-KHKHYAN, R.

USSR

"The Synthesis of Acetylene-γ-Glycols", Zhur. Obshch. Khim., 9, No. 17, 1939. Chemical Institute, Armenian Affiliate ofthe Academy of Sciences USSR. Received 21 March 1939.

Report U-1614, 3 Jan 1952.

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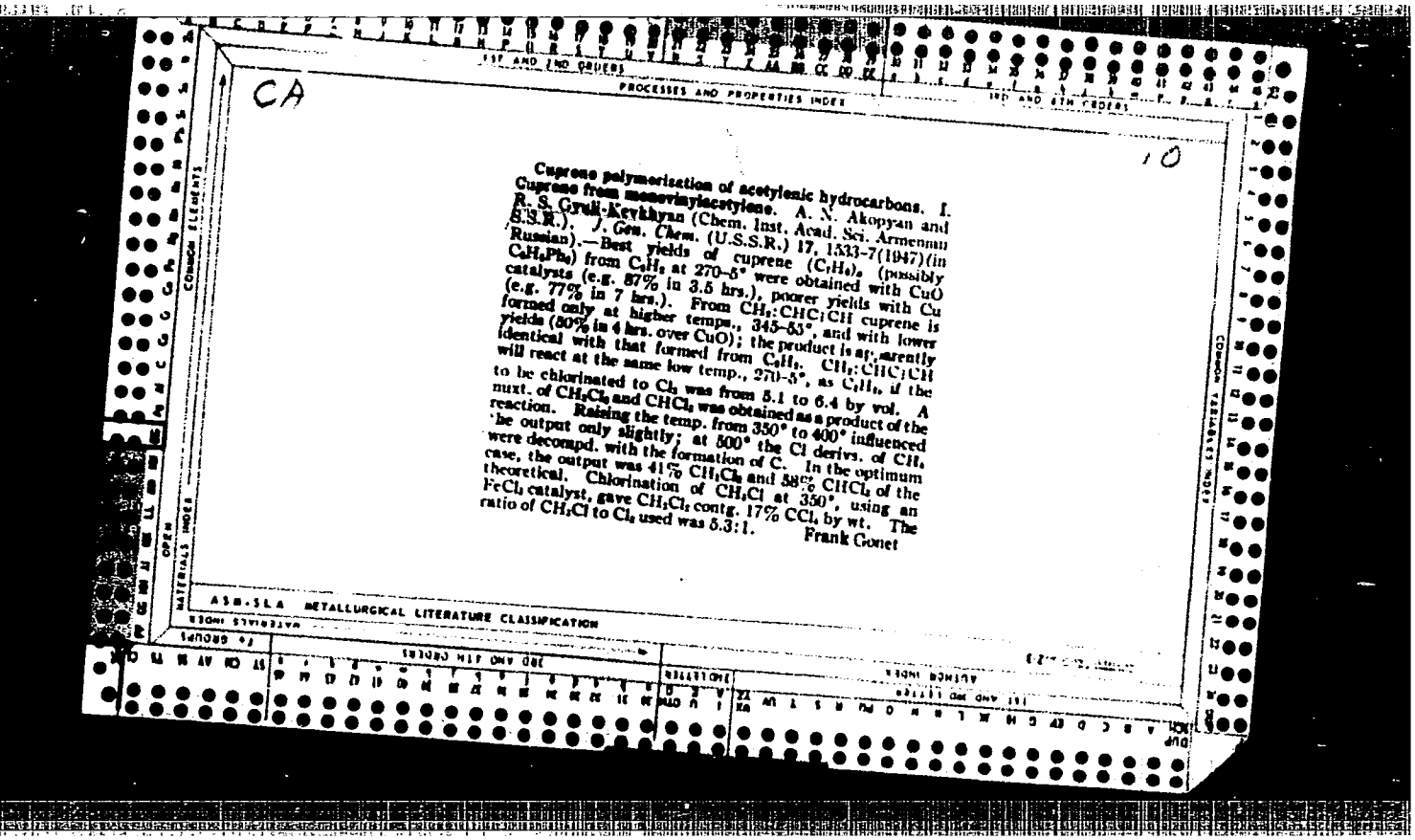
CA

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Cuprene polymerisation of acetylenic hydrocarbons. I. Cuprene from monovinylacetylene. A. N. Akopyan and R. S. Grull-Kevkhyan (Chem. Inst. Acad. Sci. Armenian S.S.R.). *J. Gen. Chem.* (U.S.S.R.) 17, 1533-7(1947)(in Russian).—Best yields of cuprene (C_7H_6)$_x$ (possibly $C_8H_8Ph_6$) from C_4H_4 at 270–5° were obtained with CuO catalysts (e.g. 87% in 3.5 hrs.), poorer yields with Cu (e.g. 77% in 7 hrs.). From CH_2:CHC:CH cuprene is formed only at higher temps., 345–55°, and with lower yields (80% in 4 hrs. over CuO); the product is apparently identical with that formed from C_4H_4. CH_2:CHC:CH will react at the same low temp., 270–5°, as C_4H_4, if the to be chlorinated to Cl_2 was from 5.1 to 6.4 by vol. A mixt. of CH_2Cl_2 and $CHCl_3$ was obtained as a product of the reaction. Raising the temp. from 350° to 400° influenced the output only slightly; at 500° the Cl derivs. of CH_4 were decompd. with the formation of C. In the optimum case, the output was 41% CH_2Cl_2 and 58% $CHCl_3$ of the theoretical. Chlorination of CH_3Cl at 350°, using an $FeCl_3$ catalyst, gave CH_2Cl_2 contg. 17% CCl_4 by wt. The ratio of CH_3Cl to Cl_2 used was 5.3:1. Frank Gonet

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Gyuli-kevkhyan, R. S.

Condensation of HCN with β-alkoxy ketones. II. S. A. Vartanyan and R. S. Gyuli-Kevkhyan. *Izvest. Akad. Nauk Armyan. S.S.R., Ser. Fiz.-Mat. Estestven. i Tekh. Nauk* No. 6, 61–4(1954)(in Russian); cf. *C.A.* 49, 6937c.—Me β-alkoxy ketones, obtained by hydration of CH_2:CHC:CH in aq. solns. of alcs., are easily condensed with HCN, forming corresponding γ-alkoxy-α-hydroxynitriles, colorless, mobile liquids with specific cyanide odor. The following MeC(OH)-(CN) CH_2CH_2OR were prepd. as described (*loc. cit.*) (R, % yield, b.p./mm. (°C.), n_D^{15} and d_{20} given): Et, 56, 107–8/22, 1.4324, 0.9630; Pr, 33.3, 120–1/20, 1.4275, 0.9611; iso-Pr, 30.6, 99–100/14, 1.4243, 0.9471; Bu, 31.8, 124–5/16, 1.4296, 0.9400; iso-Bu, 39.1, 120–1/17, 1.4265, 0.9312; iso-Am, 43.1, 132–3/16, 1.4315, 0.9271.

Bilsabeth Barnbash

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULI-KEVKHYAN, R. S.

USSR

Condensation of HCN with β-alkoxy ketones. I. S. A. Vartanyan and R. S. Gyuli-Kevkhyan. *Izvest. Akad. Nauk Armyan. S.S.R., Ser. Fiz.-Mat. i Estestven. i Tekh. Nauk* 7, No. 5, 45-9(1954)(in Russian); cf. *C.A.* 30, 1725⁴.—β-Alkoxy ketones, like other CO contg. compds., are easily condensed with HCN to form the corresponding γ-alkoxy-α-oxy nitriles (I). 30% H_2SO_4 (II) is added stepwise to a continuously shaken aq. soln. of KCN or NaCN and the ketone at 10-20°. The oily layer is sepd., combined with the Et_2O ext. of the aq. layer, dried over Na_2SO_4, and dist. *in vacuo* to give I. The following 3-hexanols are prepd. from the corresponding ketone with an alkali cyanide (substituent, % yield, b.p./mm., n_D^{20}, d_4 given). 1,5-di-MeO-3-NC, 64.7, 95-7°/3, 1.4345, 1.0031; 1,5-di-MeO-2-Me-3-NC, 47, 119-21°/13, 1.4370, 0.9999; 1-Me-5-Me-3-NC, 47, 110-17°/14, 1.4370, 0.9582. Other nitriles were: 1-methoxy-3-cyano-3-butanol, b_{10} 104-6°, n_D^{20} 1.4220, d_4 0.3950; 70.8%; 2-methyl-4-cyano-4-hydroxytetrahydropyran, b_5 120-3°, n_D^{20} 1.4575, d_4 1.0003, 74%; 2,2-dimethyl-4-cyano-4-hydroxytetrahydropyran, m. 82-3° (from C_6H_6), 53.0%.

Elisabeth Barnbash

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"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

VARTANYAN, S.A.; GYULI-KEVKHYAN, R.S.

Condensation of prussic acid with β-alkoxyketones. Part II.
Izv. AN Arm. SSR. Ser. FMET nauk 7 no.6:61-64 N-D '54. (MLRA 8:7)

1. Khimicheskiy institut Akademii nauk Armyanskoy SSR.
(Hydrocyanic acid) (Ketones) (Condensation)

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GYULI-KEVKHYAN, R. S.

3

[illegible]-substituted cyclo[illegible] from cyclooctatetraene. V. [illegible]. tyan and R. S. Gyuli-Kevkhyan. *Doklady Akad. Nauk Armyan. S.S.R.* 10, [illegible] Russian; Armenian summary, 85-6).—Treatment of 7,8-di-R-substituted (I) 1,3,6-cyclooctatriene (R = Na) with AcCl gives 31% I (R = Ac) (II), b_{20} 120–30°, n_D^{15} 1.5160, d_{20} 1.0558. I (R = Na) with AcBr gives 43% II. II with EtMgBr gives 21% I (R = MeEtCOH) (III), b_{10} 170–5°. I (R = Li) with Me_2CO gives 46.8% I (R = Me_2COH) (IV), b_{10-4} 170–80°. III with p-$MeC_6H_4SO_3H$ gives 23.7% of the corresponding cyclic ether, b_{20} 100–6°. IV similarly gives 29.4% of a cyclic ether, b_{20} 127–32°. C. A. C. Cope and F. A. Hochstein, *C.A.* 44, 9926f. Elizabeth Bagshaw

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Gyul'-Kevkhyan, R. S.

4

Oxidation of cyclooctene with selenious acid. V. P. Avetyan and R. S. Gyuli-Kevkhyan. *Doklady Akad. Nauk Armyan. S.S.R.* 11, 51-4(1950). In Russian. Cyclooctene (I) (11 g.) in 11 g. AcOH and 11 g. Ac$_2$O treated in 4 portions over 1 hr. with 4.1 g. H_2SeO_3 and the mixt. kept 25 hrs. at 100-10° yielded 58.5% *cyclooctanediol* (II), bp 113-15°, d_4^{20} 0.9817, n_D^{20} 1.4813. I (14 g.), 28 g. AcOH, and 28 g. Ac$_2$O treated in 1 hr. with 5.5 g. H_2SeO_3 then heated 10.5 hrs. at 115-17°, gave 5 g. cyclooctene and 19.4% *1-cyclooctene-1,8-diol diacetate* (III), bp [illegible], n_D^{20} 1.4835, d_4^{20} 1.0920. Oxidation of 6.3 g. II in 15 g. AcOH and 15 g. Ac$_2$O with 2.5 g. H_2SeO_3, finally 13 hrs. at 110-20°, gave 57% III. Heating II with aq. Ba(OH)$_2$ gave 75% *3-cyclooctene-1-ol*, bp 101.5-3.5°, n_D^{20} 1.5080, d_4^{20} 0.9655, hydrogenated over Pt to cyclooctanol.

C. de Izmirian

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

AZATYAN, V.D.; GYULI-KEVKHYAN, R.S.; FREYDLIN, L.Kh.; POLKOVNIKOV, B.D.

Hydrogenation of cyclooctatetraene and its derivatives with a skeleton nickel catalyst. Izv. AN Arm. SSR. Ser. khim. nauk 10 no.1:55-63 '57. (MLRA 10:9)

1. Khimicheskiy institut Akademii nauk Armyanskoy SSR i Institut organicheskoy khimii imeni N.D. Zelinskogo Akademii nauk SSSR.
(Cyclooctatetraene)
(Hydrogenation) (Catalysts)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

AUTHORS: Babayan, A. T., Mkryan, G. M., Gyuli - Kevkhyan, R. S. 79-28-5-30/69

TITLE: Investigations in the Field of Amines and Quaternary Ammonium Compounds (Issledovaniya v oblasti aminov i chetvertichnykh ammoniyevykh soyedineniy) X. Synthesis of Isoprene of α, β-and γ, γ-Dimethylallylchlorides (Polucheniye izoprena iz α, β- i γ, γ -dimetilallilkhloridov)

PERIODICAL: Zhurnal Obshchey Khimii, 1958, Vol. 28, Nr 5, pp. 1259-1263 (USSR)

ABSTRACT: The present report deals with the synthesis by alkaline cleavage of the quaternary ammonium salts obtained by conversion of the α, β -and γ, γ -dimethylallylchlorides with tertiary amines (see scheme 1). For the latter were used: dimethylisoamyl-, dimethyl(γ, γ -dimethylallyl)-, -dimethylbenzyl- and dimethyl-(butine-2-yl)-amines. The conversion of the compound (III) with amines takes place very energetically. The chlorine (IV) reacts slowly and demands heating. The alkaline cleavage of the obtained

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Investigations in the Field of Amines and Quaternary Ammonium Compounds
X. Synthesis of Isoprene of α,β-and γ,γ-Dimethylallylchlorides

79-28-5-30/69

quaternary ammonium salts, from the salts with the radical butine-2-gl, lead to the formation of isoprene in a yield of 58 - 85%, and of the corresponding tertiary amine (67 - 89 %). The alkaline cleavage of the quaternary ammonium salts obtained by conversion of the mentioned chlorides with 1 - dimethylaminobutinon - 2, resulted in the formation of vinylacetylene and the corresponding tertiary amine (see scheme 2). These results speak in favor of a easy movability of the radical butine-2-yl and correspond to the earlier obtained data on the cleavage of the quaternary ammonium salts with this radical, dimethyl-γ,γ-dimethylallylamine also forms by alkaline cleavage of the quaternary ammonium salt which is obtained by conversion of the γ,γ dimethylallyl-chloride with dimethylamine dissolved in water. According to the data of references (reference 6) it can be expected that the chloride (V) in the conversion with tertiary amine does not form the compound (V) but the

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compound isomeric to it (VI) or a mixture of both (see scheme 3). The structure of the synthetized salts has not been explained hitherto. The results of the alkaline cleavage of the synthetized quaternary ammonium salts are mentioned in a table. There are 1 table and 6 references, 4 of which are Soviet.

ASSOCIATION: Institut khimii Akademii nauk Armyanskoy SSR
(Institute for Chemistry, AS Armenian SSR)

SUBMITTED: May 3, 1957

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

AZATYAN, V.D.; GYULI-KEVKHYAN, R.S.

Synthesis and transformations of ditertiary γ-glycols of the cyclooctatriene series. Izv. AN Arm.SSR. Khim.nauki 14 no.5:451-467 '61. (MIRA 15:1)

1. Institut organicheskoy khimii AN Armyanskoy SSR.
(Glycols)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

ACC NR: AT7003262 (N) SOURCE CODE: UR/2563/66/000/263/0039/0041

AUTHOR: Bogoyavlenskiy, K.N. (Doctor of technical sciences; Professor); Gyulikhandanov, Ye.L.; Ris, V.V.; Khoroshaylov, V.G.

ORG: none

TITLE: Investigation of the ductility of the VN-2 niobium alloy

SOURCE: Leningrad. Politekhnicheskiy institut. Trudy, no. 263, 1966. Mashiny i tekhnologiya obrabotki metallov davleniyem (Machinery and technology of metalworking by pressure), 39-41

TOPIC TAGS: niobium alloy, ductility, sheet metal, durability, hardness, annealing, metal cutting, elongation / VN-2 niobium alloy

ABSTRACT:

To ascertain the feasibility of forming thin-wall VN-2 niobium-alloy shapes, cold-rolled alloy specimens 70 mm long, 10 mm wide and 0.2 or 0.5 mm thick, cut at an angle of 0.45° or 90° to the direction of rolling, were tested in the as-rolled and vacuum-annealed (0.5 hr at 1000—1200) conditions. It was found that vacuum annealing lowered the hardness and strength from 95—107 kg/mm^2 and 225—245 kg/mm^2 to 55—90 kg/mm^2 and 165—200 kg/mm^2, respectively, depending on the annealing temperature.

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ACC NR: AT7003262

At the same time, the elongation increased from 1—2.5% for as-rolled alloy to 23—24% for specimens cut at an angle of 45°, and 15—19% for longitudinal and transverse specimens annealed at 1200C. A considerable anisotropy of mechanical properties was observed in annealed specimens. Specimens cast at 45° to the direction of rolling had a lower strength and a higher ductility than longitudinal and transverse specimens. The best combination of mechanical and technological properties of niobium-alloy sheets was attained by vacuum annealing (not in argon) at a temperature of 1100—1150C. Thin-wall shapes can be formed from VN-2 alloy sheets 0.2 or 0.5 mm thick by bending, if the bend radius is maintained equal to or greater than the sheet thickness. Orig. art. has: 2 tables [ND]

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 002/
ATD PRESS: 5115

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

ACC NR: AT7004520 SOURCE CODE: UR/2563/66/000/268/0052/0058

AUTHOR: Bogoyavlenskiy, K.N.; Gyulikhandanov, Ye.L.; Ris, V.V.; Khoroshaylov, V.G.

ORG: none

TITLE: Investigation of TsM-2a molybdenum alloy

SOURCE: Leningrad. Politekhnicheskiy institut. Trudy, no. 268, 1966. Metallovedeniye (Metal science), 52-58

TOPIC TAGS: molybdenum alloy, ~~cold rolled alloy~~ alloy, ~~alloy strength~~, ~~alloy ductility~~, ~~alloy~~ annealing, ~~alloy microstructure~~/TsM2a alloy

ABSTRACT:

Experiments have been made to improve the poor ductility of cold-rolled TsM-2a molybdenum-alloy sheets, 0.2, 0.3 and 0.5 mm thick, used for forming intricate parts. To determine the effect of the annealing temperature, time and ambient media on mechanical properties and microstructure, test specimens were cut from the sheets along and at 45 degrees to the direction of rolling, and annealed for 15 min in argon at 1100—1200°C, in hydrogen at 1100—1400°C, or in a vacuum of 10^{-3} and 10^{-5} mm Hg at 1100 to 1250 and 1250—1450°C, respectively. Annealing at 110—1150°C for 15 min produced the best combination of mechanical properties, regardless of

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ACC NR: AT7004520

the ambient media used; against a 20—30% decrease in the tensile strength of the as-rolled sheets, the elongation increased from 1.0—2.0% to 3—7% and the "depth of cup" in Ericksen ductility tests increased from 3.0 to 4.2 mm. Annealing for longer than 15 min brought about no marked changes in the mechanical properties and microstructure. Changes in the alloy strength level with annealing at 1150—1250°C were practically independent of the ambient media, although a decrease in elongation was observed in sheets annealed in hydrogen and in vacuum. Full recrystallization of strain-hardened sheets occurred at 1350—1400°C. This resulted in a 40—70% decrease in the strength, while an appreciable anisotropy of the properties sharply impaired the workability of the material. Recrystallized sheets had an uncrystallized surface layer 0.04—0.07 mm thick, which constituted 20—40% of the cross section area of the investigated sheets. This layer, resulting probably from contamination of the surface layers in rolling molybdenum alloys in the air, significantly impaired the mechanical and technological properties of the material. Formation of this layer can be prevented by rolling the material in an inert atmosphere or by removing the material after hot pressure working. Orig. art. has: 3 figures and 4 tables. [MS]

SUB CODE: 11, 13/ SUBM DATE: none/ ATD PRESS: 5116

Card 2/2

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULIKHANDANOV, L.Ye.

Cleaning equipment. Adm.-byt. komb. ugol'. shakht. no.4:63-66 '61. (MIRA 15:8)

1. Akademiya kommunal'nogo khozyaystva im. K.D.Pamfilova.
(Cleaning machinery and appliances)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'KHANDANYAN, V. G.

Gyul'khandanyan, V. G.

"Investigation of Certain Problems of the Power Balance and Coefficient of Useful Effect of Lathes." Min Higher Education USSR. Yerevan Polytechnic Inst imeni K. Marks. Yerevan, 1955. (Dissertation for the Degree of Candidate in Technical Sciences.)

Knizhnaya Letopis'; No. 27, 2 July, 1955

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'KHANDANYAN, Z.G.

BURNAZYAN, R.A., inzh.; GYUL'KHANDANYAN, Z.G., kand. tekhn. nauk.

"Fundamental problems in the economics of building" by B.IA. Ionas. Reviewed by R.A. Burnazian, Z.G. Giul'khandanian. Stroi. prom. 36 no.1:48 Ja '58. (MIRA 11:1)

(Construction industry)
(Ionas, B.IA.)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'KHASYAN, A.A.

Tissue therapy in deafness. Vest.oto-rin. 16 no.1:85 Ja-F '54.
(MLRA 7:3)

1. Iz kliniki bolezney ukha, gorla i nosa (zaveduyushchiy - professor A.A.Arutyunov) Yerevanskogo meditsinskogo instituta.
(Tissue extracts) (Deafness)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

ARUTYUNOV, A.A., professor; GYULKHASYAN, A.A.; SHUKURYAN, K.G., kandidat meditsinskikh nauk; AGARONYAN, Dzh.A., kandidat meditsinskikh nauk; BEGLARYAN, A.G., dotsent

[Some experimental data on the pathogenesis of tonsillitis. Vest. oto-rin. 18 no.5:17-22 S-O '56. (MLRA 9:11)

1. Iz kliniki bolezney ukha, gorla i nosa (zav. - prof. A.A.Arutyunov), iz kafedry mikrobiologii (zav. - dotsent V.T.Gabriyelyan) Yerevanskogo meditsinskogo instituta.

(TONSILLITIS, exper.
pathogen. develop. in dogs & rabbits)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GUILLEMIN, [illegible], Grad Sch of Sci—(Misc) "Determination of [illegible] of [illegible] of chronic toxicity of [illegible]. (Experimental and clinical short-time studies)." Yonkers, 1960. 21 pp (Yonkers State Med Inst. Chair of [illegible] of the Eye, Throat, and Nose), 200 copies. (KL,31-59,10)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULKHASYAN, G.

Problems in fulfilling the plan for gas supply in Erivan.
Prom.Arm. 4 no.3:14-18 Mr '61. (MIRA 14:6)

1. Glavnyy inzh. po gazosnabzheniyu goroda Yerevana institut "Yerevanproyekt."
(Erivan--Gas companies)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

1. GYUL'KHASYAN, M. A.

2. USSR (600)

4. Tobacco

7. Leading tobacco growing collective farm. Tabak 13 no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'KHASYAN M. A.

"Study of Some Problems of the Thickness of Sand and Fertilization of Tobacco of the 'Samsun 27' Variety Under Conditions in Ashtarakskiy Rayon of the Armenian SSR." Cand Agr Sci, Armenian Agricultural Inst, Min Higher Education USSR, Yerevan, 1955. (KL, No 11, Mar 55)

SO: Sum. No. 670, 29 Sep 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'KHASYAN, M.A.

Effect of fertilizers on the Samsun 27 tobacco variety in Ashtarak District of the Armenia S.S.R. [in Armenia with summary in Russia] Izv.AnArm.SSR. Biol. i sel'khoz. nauki 9 no.8:79-90 Ag '56.
(ARMENIA--TOBACCO)
(FERTILIZERS AND MANURES)
(MLRA 9:10)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'AKHAZYAN, H.A.

Aftereffect of fertilizers applied to tobacco in Ashtarak District, Armenian S.S.R. [in Armenian with summary in Russian]. Izv.AN Arm.SSR. Biol.i sel'khoz.nauki 10 no.6:105-108 Je '57. (MIRA 10:8)
(Ashtarak District--Fertilizers and manures)
(Tobacco)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYUL'KHASYAN, Sh., arkhitektor.

Practice in building round dairy barns in the Armenian S.S.R.
Sel'.stroi. 11 no.12:21-22 D '56. (MLRA 10:2)

(Armenia--Dairy barns)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

[redacted]UL'KHASYAN, Sh.A.

Designing a dwelling for the collective farm resident of the low-lying districts of Armenia. Trudy Arm. inst. stroimat. i soor. no.1:293-304 '59. (MIRA 14:12)
(Armenia--Farmhouses)

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

GYULLING, E.V.

Study of the allergization of the organism of patients with chronic tonsillitis to streptococci by the method of passive anaphylaxis. Zhur. ush., nos. i gor. bol. 24 no.1:51-54 Ja-F '64. (MIRA 18:3)

1. Iz laboratorii fiziologii i patologii otorinolaringologicheskikh organov (zav.- doktor med. nauk V.A. Tychinin) Nauchno-issledovatel'skogo instituta otolarinogologii Ministerstva zdravookhraneniya UkrSSR (dir.- zasluzhennyy deyatel' nauki prof. A.T. Kolomiychenko).

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"

"APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3

VINOGRADOV, G.I.; GRUTMAN, M.I.; GYULLING, E.V., (Kiyev)

Mechanism of a secondary drop in erythrocyte count and hemoglobin in high mountain areas. Pat. fiziol. i eksp. terap. 6 no.6:27-29 N-D'62 (MIRA 17:3)

1. Iz laboratorii sravnitel'noy i vozrastnoy fiziologii (rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. N.N.Sirotnin) Instituta fiziologii imeni A.A.Bogomol'tsa.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000617810005-3"